

Verification Opinion



27 January 2025
Opinion No : SGS25/058

Katsuya Sase
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Objective

SGS Japan Inc. (hereinafter referred to as "SGS") was commissioned by TAIYO YUDEN CO., LTD. (hereinafter referred to as "the Organization") to conduct independent verification based on Criteria of Verification (ISO14064-3: 2019 and the SGS verification protocol) regarding the data prepared by the Organization on the scope of verification (hereinafter referred to as "the Statement"). The objective of this verification is to confirm that the Statement in the Organization's applicable scope has been correctly calculated and reported in the Statement in conformance with the criteria, and to express our views as a third party. The Organization is responsible for the preparation and fair presentation of the Statement.

Scope

The scope of verification is Scope 1 and 2 emissions, energy consumption, and Scope 3 emissions.
The period subject to report is from 1 April 2023 to 31 March 2024.
Refer to the attached sheet for the detailed scope of verification.

Procedure of Verification

The Statement was verified in accordance with Criteria of Verification, and the following processes were implemented at a limited level of assurance:

- Verification of the calculation system: Interviews on the measurement, tabulation, calculation, and reporting methods employed by the Organization as well as review of related documents and records
- Verification of the Statement: On-site verification and voucher review conducted at Tamamura Plant and NIIGATA TAIYO YUDEN CO., LTD. and analytical procedures and interviews for the other sites in the scope of verification carried out at Takasaki Global Center

The criteria for this review are based on Act on the Rational Use of Energy, GHG Protocol, IPCC Guidelines for National Greenhouse Gas Inventories(AR4), Basic Guidelines on Accounting for Greenhouse Gas Emissions throughout the Supply Chain Ver. 2.6, Emission Factor Database on the same Accounting Ver. 3.4 and the protocol specified by the Organization.

Conclusion

Within the scope of the verification activities employing the methodologies mentioned above, nothing has come to our attention that caused us to believe that the Organization's Statement was not calculated and reported in conformance with the criteria.

SGS Japan Inc. affirms our independence from the Organization, being free from bias and conflicts of interest with the Organization.

For and on behalf of SGS Japan Inc.

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Business Assurance
Head of Certification/Accreditation

Yuji Takeuchi

Attached file

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The details of the scope of verification

The Scope		The Boundary	The Statement
1	Scope 1 (energy related CO ₂ emissions and CH ₄ / N ₂ O associated with fuel combustion emissions) and energy consumption.	21 production sites and 3 non-production sites in the Organization and the consolidated companies	Scope 1: 51,386 t- CO _{2e}
2	Scope 2 (energy related CO ₂ emissions) and energy consumption.		Scope 2: 367,040 t- CO ₂
3	Scope3 (category 1)	21 production sites and 3 non-production sites in the Organization and the consolidated companies	601,460 t- CO _{2e}
4	Scope3 (category 7)	The Organization and domestic sites in the group companies	8,883 t- CO ₂